

ABSTRACT

A nonaqueous battery, such as a lithium ion battery, is formed from a polymer electrolyte comprising: a vinylidene fluoride copolymer comprises 5 90²⁰ to 97 wt. % of vinylidene fluoride monomer units and 3 to 10²⁰ wt. % of units of at least one monomer copolymerizable with the vinylidene fluoride monomer and has an inherent viscosity of 1.5 to 10 dl/g. The polymer electrolyte stably retains the nonaqueous 10 electrolytic solution in a large amount and has excellent strength in this state.

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